AMENDMENTS TO CLAIMS

1. (Currently Amended) A process of effecting various anti compensation processes on an input image on a plasma display panel, said process comprising the steps of:

a) performing a gamma compensation process on a video signal received by said PDP with respect to a first gamma;

b) dividing said video signal into at least two segments based on a gray level thereof; and

c) performing a variety of anti compensation processes on said video signal in each respective segment.

2. (Currently Amended) The process of claim 1, wherein ~~in said step c)~~ a second gamma smaller than said first gamma is used in said anti compensation process with respect to said video signal in a range of ~~low~~ a first gray level ~~for increasing said gray level in said range of low gray level~~.

A'td cont'd

3. (Currently Amended) The process of claim ~~1~~ 2, wherein ~~in said step c)~~ a third gamma larger than said first gamma is used in said anti compensation process with respect to said video signal in a range of ~~high~~ a second gray level ~~for increasing a gradient in said range f high gray level, thereby obtaining a sharp contrast of said image~~, wherein said second gray level is higher than said first gray level.

4. (Currently Amended) The process of claim 3, wherein said gamma compensation process has been performed on said video signal received by said PdP in a following equation:

$$\text{brightness} = k_1 \times (V_{INPUT}/V_{MAX})^{\gamma}$$

where $\gamma = 2.2$, k_1 is a variable representing a gray level of a color television (TV), V_{INPUT} is an input voltage, and V_{MAX} is a maximum voltage for showing said maximum gray level of said color TV.

5. (Currently Amended) The process of claim 4, wherein a fourth gamma smaller than 2.2 is used in said anti compensation process with respect to said video signal in said range of ~~low~~ said first gray level.

A1 cancel.

6. (Currently Amended) The process of claim 4, wherein a fifth gamma equal to 2.2 is used in said anti compensation process with respect to said video signal in said range of ~~intermediate~~ a third gray level between said first and second gray levels.

7. (Currently Amended) The process of claim 4, wherein a sixth gamma larger than 2.2 is used in said anti compensation process with respect to said video signal in said range of ~~high~~ said second gray level.